



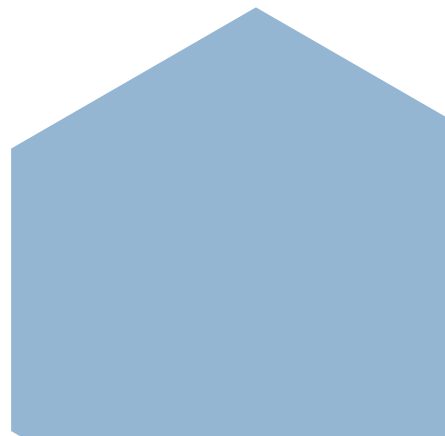
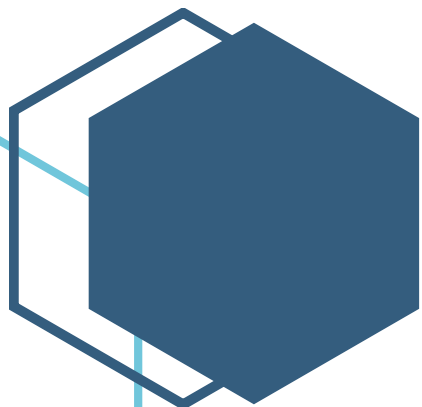
Central Iowa COVID19 Update

Wednesday, February 17, 2021



Statistical Consulting

Dr. Meg Schaeffer





Quick Stats¹

	Polk County	Iowa
7d Lab Test Positivity	7.9%	5.6%
14d Lab Test Positivity	9.3%	7.3%
Total cases per 100,000 the last 7d	160	119
Total cases per 100,000 the last 14d	365	270
Average daily cases the last 7d	112	535
Average 7-day new cases per 100,000	23	17

¹All data are sourced from <https://coronavirus.iowa.gov/pages/case-counts> with previous days refreshed daily. When recent data are unavailable, data from <https://github.com/nytimes/covid-19-data> may be used. Population of Polk County used is 490,161. Population of Iowa used is 3.155 million. Averages and percent positivity are subject to change with retrospectively refreshed data.

Critical Points, Media, and Research

- Iowa and Polk activity continue to decrease. Hospitalizations remain low, though fluctuate.
- Influenza activity remains extremely low. [CADE - Iowa Flu Reports](#)
- [Reynolds clarifies withholding vaccine doses from counties \(kcci.com\)](#)
- [Why COVID-19 Cases Are Falling So Fast - The Atlantic](#)
- [WHO team begins COVID-19 origin investigation - The Lancet](#)
- [Virologist: WHO Team Found No 'Credible Link' Between Wuhan Labs, COVID-19 : Coronavirus Updates : NPR](#)

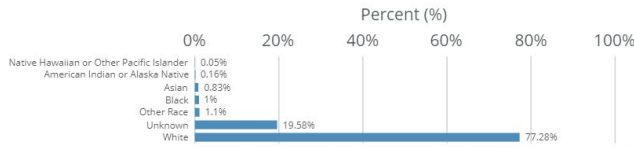
Vaccine

- [Covid-19 Vaccine: Answers to Key Questions](#)
- [Vaccination progress in the US](#)

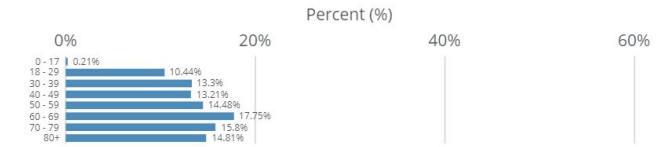


Vaccination Progress – Polk County

Doses Administered

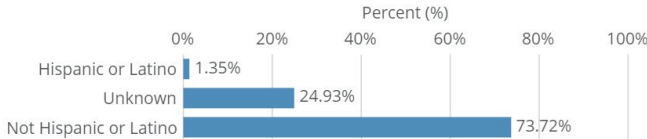


Doses Administered



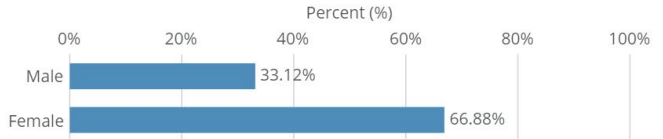
Administration by Ethnicity

Doses Administered



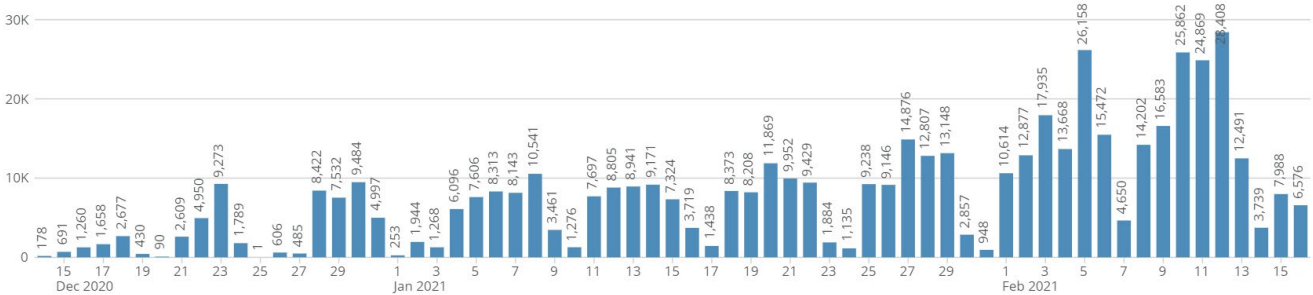
Administration by Sex

Doses Administered



Vaccine Dose Administration by Day (Includes prime and boost doses) by Day

Doses Administered



Vaccination Progress – Iowa

Vaccine Series by County of Vaccine Provider

County	Series Initiated	Series Completed
Polk	47,718	21,237
Johnson	18,557	13,817

Total Doses Administered

509,090

Individuals Initiating Vaccination (1st Dose)

254,292

Doses Administered to Iowa Residents

488,936

Individuals Completing Vaccination (2nd Dose)

127,399

Doses Administered by Manufacturer

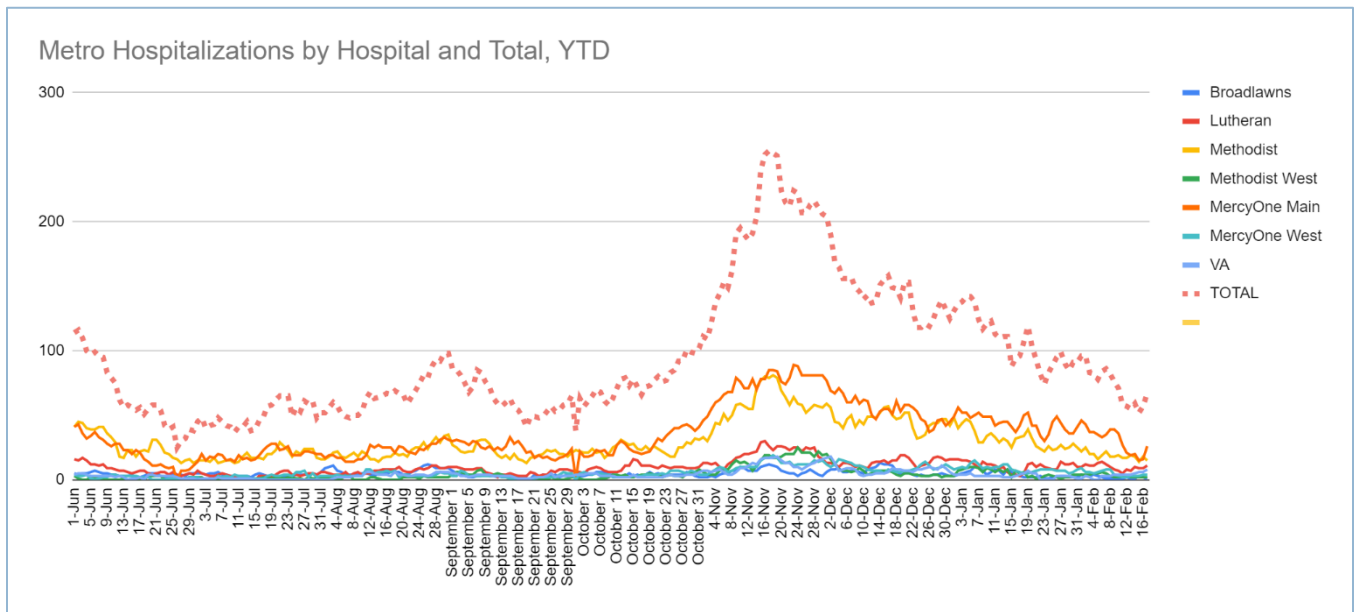
Vaccine Manufacturer	Doses
Moderna	296,948
Pfizer	212,142
Total	509,090



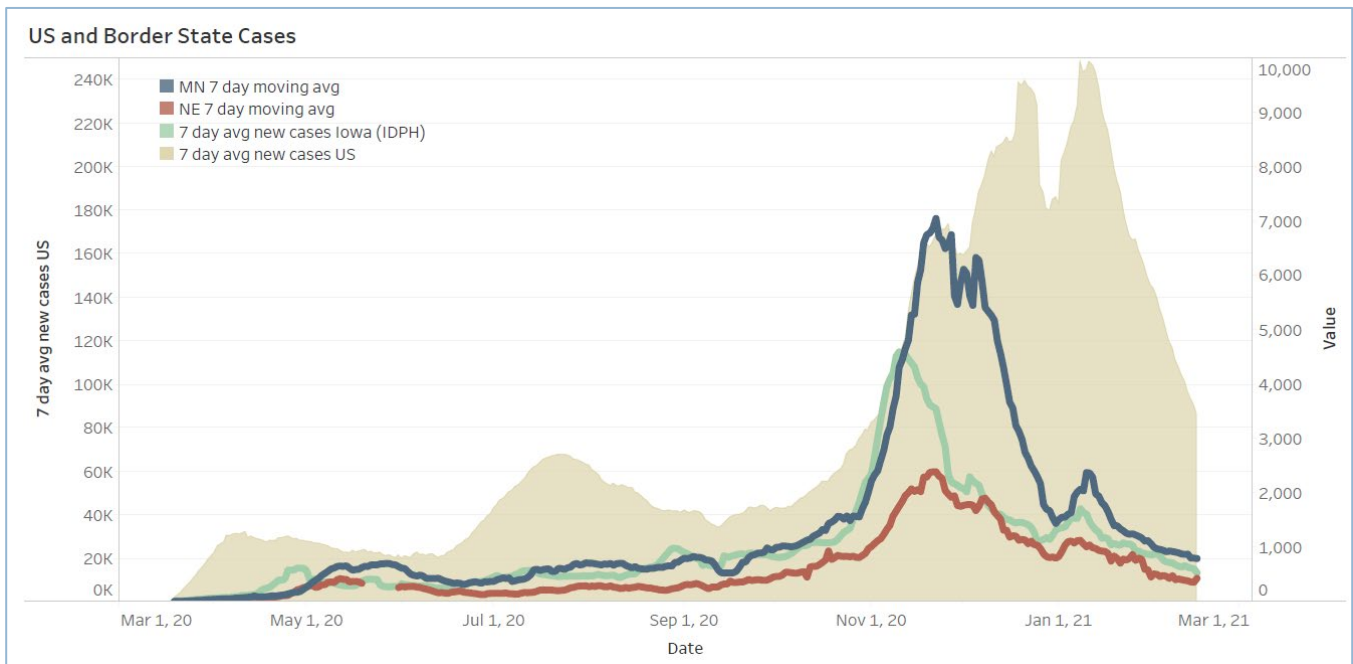
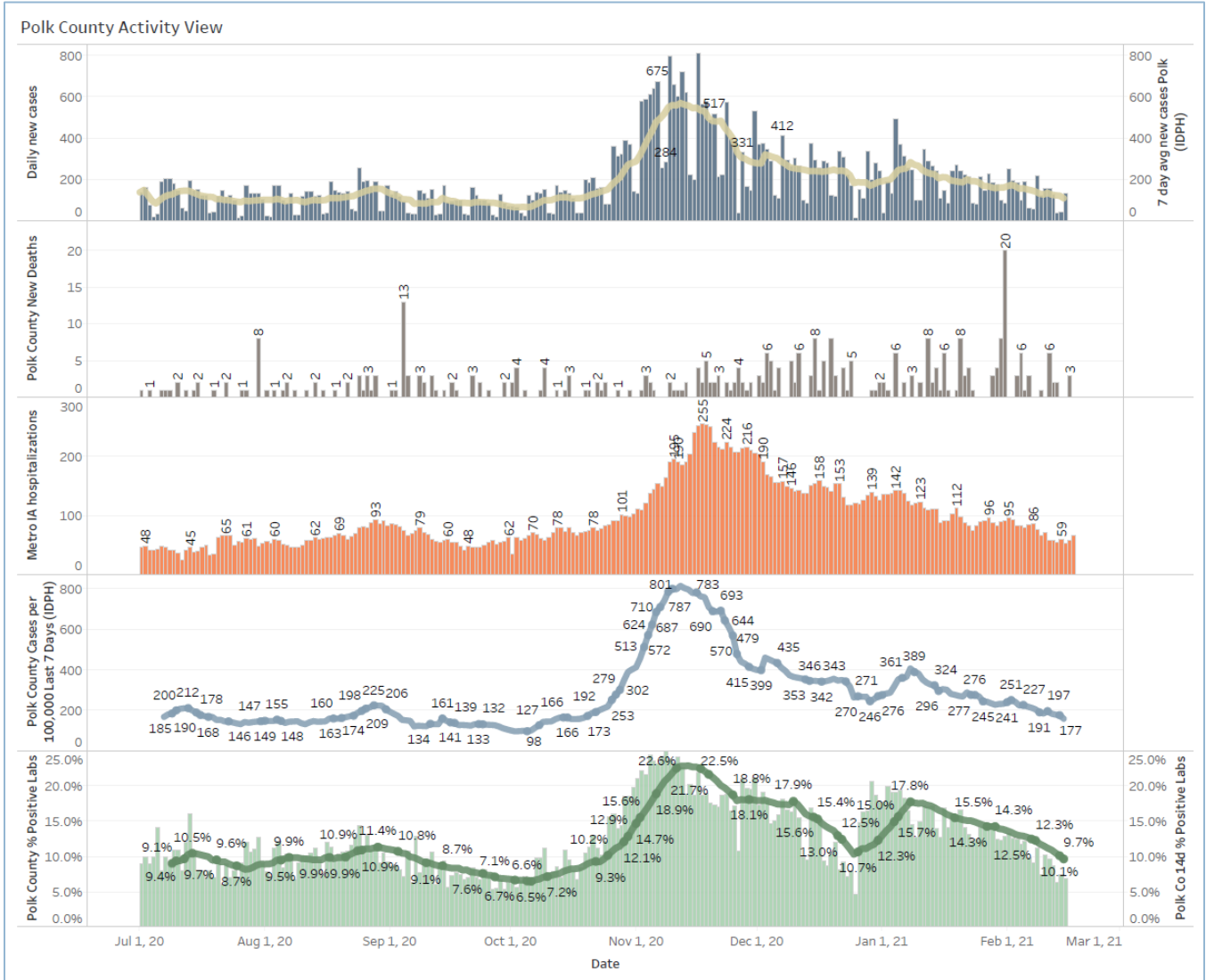
School Statistics – Polk County (Updated per week on Mondays)

Rate of Student/Staff Cases Per 1,000														
Week Ending	1-Nov	8-Nov	15-Nov	22-Nov	29-Nov	13-Dec	20-Dec	27-Dec	10-Jan	17-Jan	24-Jan	31-Jan	7-Feb	14-Feb
DMPS	0.2	4.0	0.5	0.5	0.2	0.7	0.7	0.4	4.0	1.9	2.6	0.2	2.5	0.8
Ankeny	3.8	3.8	4.3	4.3	4.5	3.3	1.9	1.8	5.9	3.8	3.1	2.8	2.3	1.6
Waukee	5.8	10.3	9.4	6.5	4.6	3.5	1.7	1.7	4.5	5.0	2.4	3.3	3.0	3.0
WDM	2.8	5.7	11.0	4.7	1.1	2.7	1.9	0.6	4.0	4.2	1.6	2.2	1.6	2.4
Johnston	6.3	8.3	10.4	7.1	5.4	2.3	1.7	0.3	4.6	3.4	2.1	3.3	2.3	1.6
SE Polk	4.7	5.0	8.3	7.9	7.7	3.0	4.6	2.7	3.4	5.0	3.9	2.9	3.4	3.0
Urbandale	1.8	2.0	10.8	8.5	5.8	3.5	3.5	2.0	6.0	3.0	2.5	2.8	3.3	4.0
DCG		6.0	10.4	9.5	13.3	4.7	0.9	2.8	2.2	2.2	2.5	1.3	1.3	1.9
Bondurant		8.3	7.9	13.4	13.4	3.7	2.8	7.4	0.0		0.9	12.5	19.0	11.6
North Polk		4.5	5.6	5.6	4.5	1.1	1.7	2.3	3.9	1.1	7.9	5.6	10.1	1.7
Ballard		0.0	0.0	8.2	0.6	1.2	1.2	0.0	0.0	4.1	1.2	1.2	6.4	6.4
Saydel		7.5	12.7	3.0	0.0	2.2	3.0	2.2	3.7	3.7	3.7	0.7	1.5	3.0

Students/Staff in Quarantine														
Week Ending	1-Nov	8-Nov	15-Nov	22-Nov	29-Nov	13-Dec	20-Dec	27-Dec	10-Jan	17-Jan	24-Jan	31-Jan	7-Feb	7-Feb
DMPS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	220
Ankeny	225	225	370	370	273	172	107	87	132	116	125	138	178	106
Waukee	332	500	575	384	160	76	113	136	156	195	95	108	127	128
WDM	146	204	239	70	12	38	19	14	114	55	54	83	69	39
Johnston	586	667	527	318	286	73	78	73	116	147	126	109	100	106
SE Polk	186	211	307	380	401	126	121	129	89	125	129	96	84	86
Urbandale	39	97	180	223	179	49	32	34	43	71	78	50	67	77
DCG		80	159	216	82	69	46	41	33	43	42	44	45	59
Bondurant		148	160	167	138	97	55	62	<6	N/A	28	68	86	69
North Polk		103	101	90	61	55	51	46	30	19	35	57	52	50
Ballard				77	40	34	16		28	12	25	20	18	40
Saydel		109	88	65	46	30	33	24	39	26	27	26	33	19
Total	1514	2344	2706	2360	1678	819	671	646	780	809	764	799	1079	977



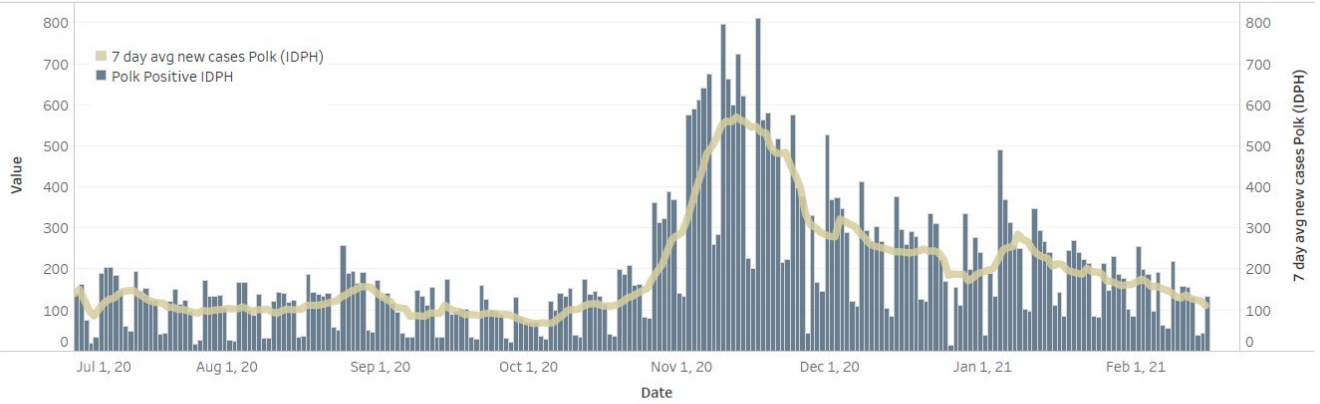
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Polk County Cases by Day and 7d Moving Average



Iowa Cases by Day and 7d Moving Average

